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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/663,554	09/18/2000	Nathan F. Raciborski	D2482	6630

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EXAMINER

CHANG, JUNGWON

ART UNIT	PAPER NUMBER
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2154

DATE MAILED: 05/09/2003

8

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/663,554

Applicant(s)

RACIBORSKI ET AL.

Examiner

Jungwon Chang

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 04 November 2002.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2-7.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

**DETAILED ACTION**

1. Claims 1-20 are presented for examination.
2. The cross reference related to the application cited in the specification must be updated (i.e. attorney docket numbers should be replaced with application numbers (i.e. PTO serial numbers) or patent numbers on page 1, lines 5-22).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Prasad et al. (US 6,539,381 B1) hereinafter referred to as Prasad.
5. As to claim 1, Prasad discloses the invention substantially as claimed, including a method for gathering information for a directory on a packet switched network (col. 8, lines 6-13), the method comprising:  
  
determining a directory that is related to a first web site (109, fig. 1; col. 6, lines 34-36);

reporting the directory to a second web site (col. 3, lines 32-35; col. 4, lines 30-33; col. 6, lines 40-46);

detecting changes on the first web site (col. 3, lines 30-31; col. 4, lines 27-29);  
and

updating the directory with the changes (col. 3, line 36-40; col. 4, lines 33-37).

6. Prasad does not specifically disclose reporting directory to the second web site for the first and second time. However, Prasad requires update to be done periodically (col. 3, lines 27-40). It would have been obvious to one of ordinary skill in the art at the time the invention was made to recognize that the directory of the server would have been updated several times.

7. As to claims 2 and 6, Prasad discloses the second web site includes a plurality of directories from other web sites (col. 6, lines 40-46; col. 3, lines 25-40); and the second web site combines the plurality of directories in a global directory (col. 8, lines 6-20).

8. As to claims 3 and 4, Prasad discloses categorizing an item in the directory (col. 8, lines 43-63).

9. As to claim 5, Prasad discloses the directory includes at least two of a file name, a path, a site name, a file creation date, and a file creation time (fig. 5C; col. 13, lines 28-39).

10. As to claim 7, Prasad discloses detecting changes comprises detecting at least one of erasure of files, replacement of files and addition of files (col. 5, lines 19-21).

11. As to claims 8 and 15, Prasad discloses the invention substantially as claimed in claim 1. In addition, Prasad discloses setting a timer (506, fig. 5A; 523-526, fig. 5C; 530, 5D; col. 10, line 62 – col. 11, line 14; col. 13, lines 34-39 and 58-66).

12. As to claims 9, 13 and 16, Prasad discloses the second web site includes a plurality of directories from other web sites (col. 6, lines 40-46; col. 3, lines 25-40); and the second web site combines the plurality of directories in a global directory (col. 8, lines 6-20).

13. As to claims 10, 11, 17 and 18, Prasad discloses categorizing an item in the directory (col. 7, lines 23-28 and 39-42; col. 9, lines 28-47).

14. As to claims 12 and 19, Prasad discloses the directory includes at least two of a file name, a path, a site name, a file creation date, and a file creation time (fig. 5C; col. 13, lines 28-39).

15. As to claims 14 and 20, Prasad discloses detecting changes comprises detecting at least one of erasure of files, replacement of files and addition of files (col. 5, lines 19-21).

**Conclusion**

16. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Gehani et al, patent 6,08,078, Houck et al, patent 6,021,118, Miike et al, patent 6,052,714, Gauvin et al, patent 6,061,686, Robertson et al, patent 6,216,123 B1, Smith et al, patent 6,473,749 B1, Balsara et al, patent 6,065,012, Barker, patent 6,065,017 disclose method and apparatus for managing file content and maintaining consistency of database replicas.

17. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jungwon Chang whose telephone number is (703)305-9669. The examiner can normally be reached on 8:30-6:00 (Monday-Friday).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (703)308-9052. The fax phone numbers for the organization where this application or proceeding is assigned are (703)746-7239 for regular communications and (703)746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-9669.

Jungwon Chang  
May 2, 2003



VIET D. VU  
PRIMARY EXAMINER